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Master User Manual for RIPTIDE SF

NOTE: DO NOT RETURN YOUR MINN KOTA MOTOR TO YOUR RETAILER. YOUR RETAILER IS NOT AUTHORIZED TO REPAIR OR REPLACE THIS UNIT. YOU MAY OBTAIN SERVICE BY:

- CALLING MINN KOTA AT: 1-800-227-6433 OR 1-507-345-4623;
- RETURNING YOUR MOTOR TO THE MINN KOTA FACTORY SERVICE CENTER;
- SENDING OR TAKING YOUR MOTOR TO ANY MINN KOTA AUTHORIZED SERVICE CENTER ON ENCLOSED LIST.

PLEASE INCLUDE PROOF OF PURCHASE, SERIAL NUMBER AND PURCHASE DATE FOR WARRANTY SERVICE WITH ANY OF THE ABOVE OPTIONS.



**BOW MOUNT
HAND CONTROL
SALTWATER
MOTORS**

SERIAL NUMBER _____
PURCHASE DATE _____

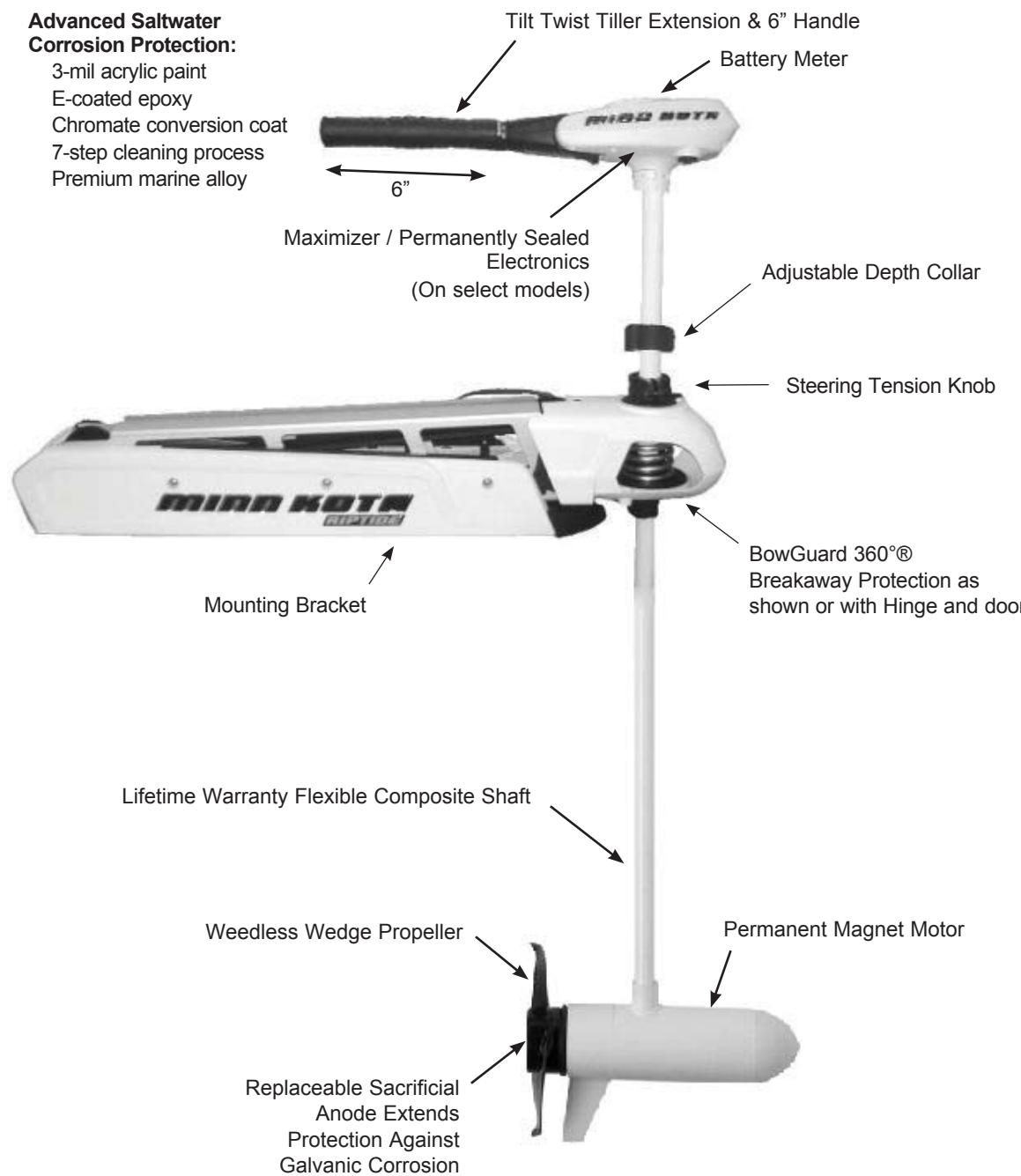
PLEASE THOROUGHLY READ THIS USER MANUAL. FOLLOW ALL INSTRUCTIONS AND HEED ALL SAFETY & CAUTIONARY NOTICES BELOW. USE OF THIS MOTOR IS ONLY PERMITTED FOR PERSONS THAT HAVE READ AND UNDERSTOOD THESE USER INSTRUCTIONS. MINORS MAY USE THIS MOTOR ONLY UNDER ADULT SUPERVISION.

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RIPTIDE OVERVIEW

Advanced Saltwater Corrosion Protection:

3-mil acrylic paint
E-coated epoxy
Chromate conversion coat
7-step cleaning process
Premium marine alloy



Specifications subject to change without notice.

ENVIRONMENTAL COMPLIANCE STATEMENT:

It is the intention of Johnson Outdoors Marine Electronics, Inc. to be a responsible corporate citizen, operating in compliance with known and applicable environmental regulations, and a good neighbor in the communities where we make or sell our products.

WEEE Directive:

EU Directive 2002/96/EC "Waste of Electrical and Electronic Equipment Directive (WEEE)" impacts most distributors, sellers, and manufacturers of consumer electronics in the European Union. The WEEE Directive requires the producer of consumer electronics to take responsibility for the management of waste from their products to achieve environmentally responsible disposal during the product life cycle.

WEEE compliance may not be required in your location for electrical & electronic equipment (EEE), nor may it be required for EEE designed and intended as fixed or temporary installation in transportation vehicles such as automobiles, aircraft, and boats. In some European Union member states, these vehicles are considered outside of the scope of the Directive, and EEE for those applications can be considered excluded from the WEEE Directive requirement.

This symbol (WEEE wheelie bin) on product indicates the product must not be disposed of with other household refuse. It must be disposed of and collected for recycling and recovery of waste EEE. Johnson Outdoors Marine Electronics, Inc. will mark all EEE products in accordance with the WEEE Directive. It is our goal to comply in the collection, treatment, recovery, and environmentally sound disposal of those products; however, these requirements do vary within European Union member states. For more information about where you should dispose of your waste equipment for recycling and recovery and/or your European Union member state requirements, please contact your dealer or distributor from which your product was purchased.



Disposal:

Minn Kota motors are not subject to the disposal regulations EAG-VO (electric devices directive) that implements the WEEE directive. Nevertheless never dispose of your Minn Kota motor in a garbage bin but at the proper place of collection of your local town council.

Never dispose of battery in a garbage bin. Comply with the disposal directions of the manufacturer or his representative and dispose of them at the proper place of collection of your local town council.

LIMITED LIFETIME WARRANTY ON COMPOSITE SHAFT, LIMITED TWO-YEAR WARRANTY ON ENTIRE PRODUCT:

Composite Shaft

Johnson Outdoors Marine Electronics, Inc. warrants to the original purchaser that the composite shaft of the purchaser's Minn Kota® trolling motor is free from defects in materials and workmanship appearing within the original purchaser's lifetime. Johnson Outdoors Marine Electronics, Inc. will provide a new shaft, free of charge, to replace any composite shaft found to be defective more than two (2) years after the date of purchase. Providing such a new shaft shall be the sole and exclusive liability of Johnson Outdoors Marine Electronics, Inc. and the sole and exclusive remedy of the purchaser for breach of this warranty; and purchaser shall be responsible for installing, or for the cost of labor to install, any new composite shaft provided by Johnson Outdoors Inc.

Entire Product

Johnson Outdoors Marine Electronics, Inc. warrants to the original purchaser that the purchaser's entire Minn Kota® trolling motor is free from defects in materials and workmanship appearing within two (2) years after the date of purchase. Johnson Outdoors Marine Electronics, Inc. will, at its option, either repair or replace, free of charge, any parts, including any composite shaft, found to be defective during the term of this warranty. Such repair or replacement shall be the sole and exclusive liability of Johnson Outdoors Marine Electronics, Inc. and the sole and exclusive remedy of the purchaser for breach of this warranty.

Terms Applicable to Both Warranties

These limited warranties do not apply to motors used commercially nor do they cover normal wear and tear, blemishes that do not affect the operation of the motor, or damage caused by accidents, abuse, alteration, modification, misuse or improper care or maintenance. DAMAGE TO MOTORS CAUSED BY THE USE OF REPLACEMENT PROPELLERS OR OTHER REPLACEMENT PARTS NOT MEETING THE DESIGN SPECIFICATIONS OF THE ORIGINAL PROPELLER AND PARTS WILL NOT BE COVERED BY THIS LIMITED WARRANTY. The cost of normal maintenance or replacement parts which are not defective

"WARNING: This product contains chemical(s) known to the state of California to cause cancer and/or reproductive toxicity."

are the responsibility of the purchaser.

To obtain warranty service in the U.S., the motor or part believed to be defective, and proof of original purchase (including the date of purchase), must be presented to a Minn Kota® Authorized Service Center or to Minn Kota®'s factory service center in Mankato, MN. Any charges incurred for service calls, transportation or shipping/freight to/from the Minn Kota® Authorized Service Center or factory, labor to haul out, remove, re-install or re-rig products removed for warranty service, or any other similar items are the sole and exclusive responsibility of the purchaser. Motors purchased outside of the U.S.

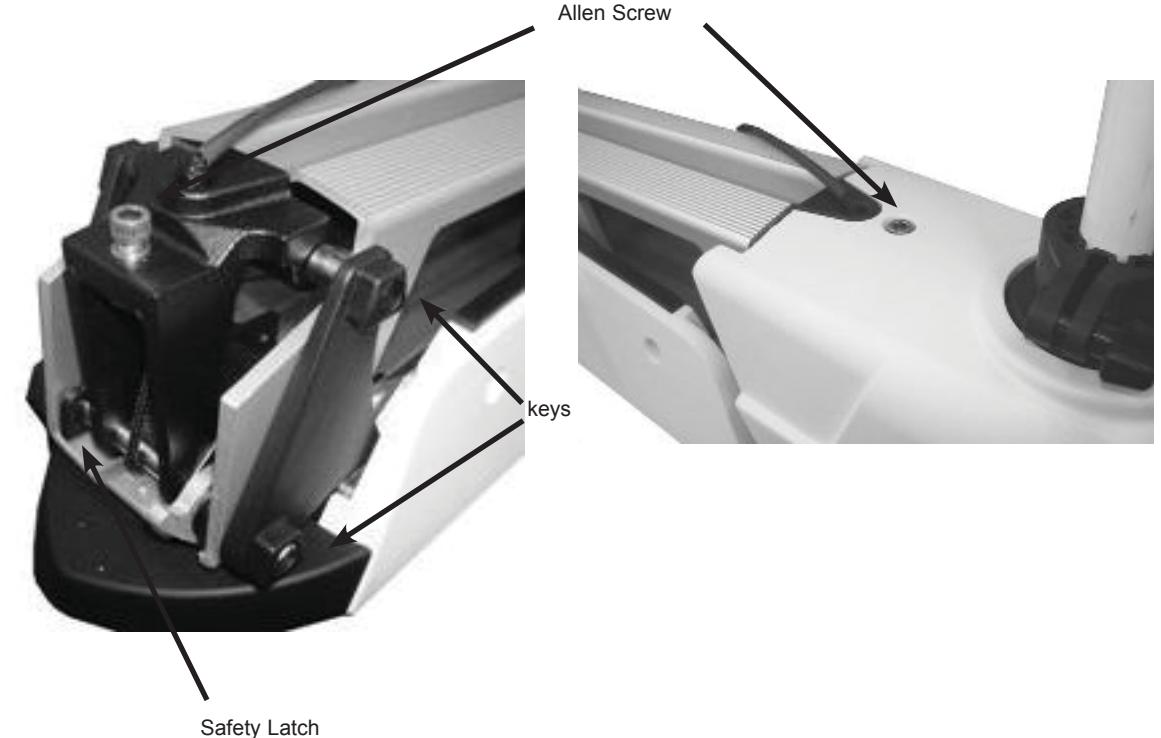
must be returned prepaid with proof of purchase (including the date of purchase and serial number) to any Authorized Minn Kota® Service Center in the country of purchase. Warranty service can be arranged by contacting a Minn Kota® Authorized Service Center listed on the enclosed sheet, or by contacting the factory at 1-800-227-6433 or fax 1-800-527-4464. Note: Do not return your Minn Kota® motor to your retailer. Your retailer is not authorized to repair or replace them.

THERE ARE NO EXPRESS WARRANTIES OTHER THAN THESE LIMITED WARRANTIES. IN NO EVENT SHALL ANY IMPLIED WARRANTIES (EXCEPT ON THE COMPOSITE SHAFT), INCLUDING ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR PARTICULAR PURPOSE, EXTEND BEYOND TWO YEARS FROM THE DATE OF PURCHASE. IN NO EVENT SHALL JOHNSON OUTDOORS MARINE ELECTRONICS, INC. BE LIABLE FOR INCIDENTAL, CONSEQUENTIAL OR SPECIAL DAMAGES.

Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damages, so the above limitations and/or exclusions may not apply to you. This warranty gives you specific legal rights and you may also have other legal rights which vary from state to state.

ASSEMBLY OF MOTOR TO MOUNT:

1. Place the mount on an elevated surface such as a work-bench or tailgate of pickup.
2. Remove the 5/16" Allen screw and lock washer from the mount using a 7/8" Allen wrench. (See picture)
3. Align the key ways on the inside of the bowguard with the ends links on the mount. Lower the motor assembly straight down until seated.
4. Install the 5/16" Allen screw / lock washer and tighten to 10-12 ft/lbs.
5. Stow the motor into the flat position by pulling the rope/handle to disengage the latch bar, allowing the motor to fold into the flat position.
6. Once in the stowed or flat position, the gas spring pin can be installed. Follow the steps below to install the gas spring pin:
 - Locate the upper gas spring pin in bag assembly
 - Align the end of the gas spring with the holes in the



outer arm

- Install pin and Phillips flat head screws
- Tighten screws until the heads are flush with the outer arm

NOTE: Screws have a pre-applied thread locker, DO NOT apply additional thread locker to screws as that may prevent future removal.

7. Motor / mount can now be installed onto the boat. Proceed to next page for mounting instructions.

ATTENTION: The 5/16" Allen screw must be tight when installed and periodically tightened to 10-12 ft/lbs (Step 4), which will allow the motor to be stowed properly. Tighten the Allen screw when the mount is in the deployed position.

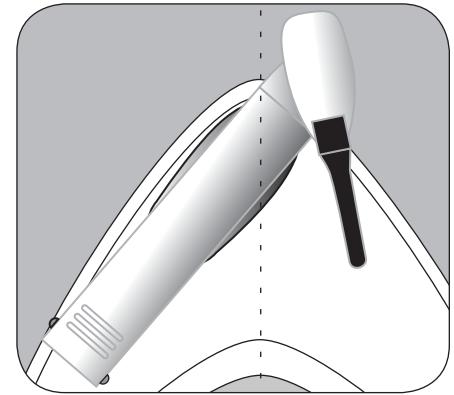
INSTALLATION OF THE BOWMOUNT:

We recommend that you have another person help with this procedure.

1. For installation, do not remove the shaft/motor from the Bowguard. The Bowguard spring is under tension and must always remain secured.
2. Place the mount, with the motor in the fully retracted (flat) position, on the deck of the boat:
 - The motor should be mounted as close to the centerline of the boat as possible.
 - Make sure bow area under the chosen location is clear and unobstructed for drilling.

- Make sure the motor rest is positioned far enough beyond the edge of the boat. The motor, as it is lowered into the water or raised into the boat, must not encounter any obstructions.
- 3. Once in position, mark at least four (4) of the holes provided in the bow plate and drill through the marks using a (9/32") bit.
- 4. Mount the plate to the bow through the drilled holes using the provided (1/4-20 x 3-1/2") bolts, nuts and washers.

NOTE: If possible, secure all sets of mounting bolts, nuts and washers.



MAINTENANCE OF THE PRODUCT:

1. After use, these units should be rinsed with fresh water, then wiped down with a cloth dampened with an aqueous based silicone spray such as Armor All®.
2. The propeller must be cleaned of weeds and fishing line. The line can get behind the prop, wear away the seals and allow water to enter the motor. Check this after every 20 hours of operation.
3. Before each use, check to see that the prop nut is secure.
4. To prevent accidental damage during trailering or storage, disconnect the battery whenever the motor is off of the water. For prolonged storage, lightly coat all metal parts with an aqueous based silicone spray.
5. For maximum performance, restore battery to full charge before each use.

TROUBLESHOOTING:

1. Motor fails to run or lacks power:
 - Check battery connections for proper polarity.
 - Make sure terminals are clean and corrosion free. Use fine sandpaper or emery cloth to clean terminals.
 - Check battery water level. Add water if needed.
2. Motor loses power after a short running time:
 - Check battery charge, if low, restore to full charge.
3. Motor is difficult to steer:
 - Check steering cables for proper tension. Adjust as necessary.
4. You experience prop vibration during normal operation:
 - Remove and rotate the prop 180°. See removal instructions in prop section.
5. Unit difficult to deploy:
 - Gas spring relaxes after prolong periods of sitting. Stow and deploy motor a few times until latch pins latch freely.

6. Motor drains battery when not in use. Switch MOM/OFF/CON switch on foot pedal to OFF position when not in use. Motor will drain battery in either MOM or CON positions.

7. Lift-assist not functioning:

- Ensure lift-assist pin was installed prior to motor use.

8. Motor shaft falls to one side of the motor shaft yoke when stowing.

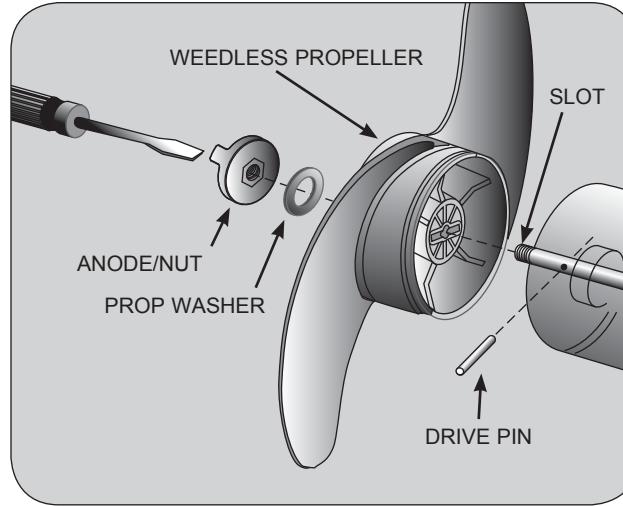
- The 5/16" Allen screw that attaches the motor to the mount should be periodically tightened to 10-12 ft/lbs. Tighten the Allen screw when the mount is in the deployed position.

NOTE: For all other malfunctions, see enclosed Authorized Service Center (ASC) listing for nearest ASC.

6. Keep battery terminals clean with fine sandpaper or emery cloth.
7. The weedless wedge propeller is designed to provide absolute weed free operation with very high efficiency. To maintain this top performance, the leading edge of the blades must be kept smooth. If they are rough or nicked from use, restore to smooth by sanding with fine sandpaper.
8. Grease latch pins periodically to prevent binding or sticking.
9. The 5/16" Allen screw that attaches the motor to the mount should be periodically tightened to 10-12 ft lbs to prevent motor stowing problems. Tighten the Allen screw when the mount is in the deployed position.

PROPELLER REPLACEMENT:

- Disconnect motor from battery prior to changing the propeller.
- Hold the propeller and loosen the prop nut with a pliers or a wrench.
- Remove prop nut and washer. If the drive pin is sheared/broken, you will need to hold the shaft steady with a screwdriver blade pressed into the slot on the end of the shaft.
- Turn the old prop to horizontal (as illustrated) and pull it straight off. If drive pin falls out, push it back in.
- Align new propeller with drive pin.
- Install prop washer and prop nut.
- Tighten prop nut 1/4 turn past snug. [25-35 inch lbs.] Be careful, over tightening can damage prop.



CAUTION: DISCONNECT THE MOTOR FROM THE BATTERY BEFORE BEGINNING ANY PROP WORK OR MAINTENANCE.

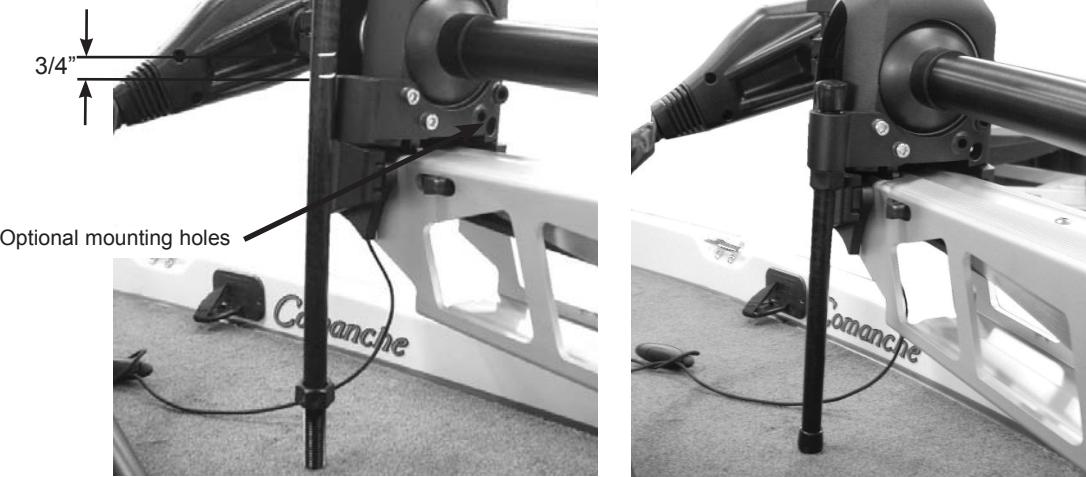
MAXIMIZER™:

The built-in Maximizer's electronics create pulse width modulation to provide longer running time and extended battery life. With the Maximizer speed control, you may, in some applications, experience interference in your depth finder display. We recommend that you

use a separate deep cycle marine battery for your trolling motor and that you power the depth finder from the starting / cranking battery. If problems still persist, call our service department at 1-800-227-6433.

INSTALLING THE BOWMOUNT STABILIZER: (if Included)

1. Place motor in the stowed position
2. Unthread the composite rod from the bracket and attach bracket to the bottom of the bowguard using the 5/16" cap screws and nuts. The nuts fit into pocket on the inside of the bowguard behind the spring.
3. Pull the bumper off the stabilizer rod and place the rod next to the bracket as shown in photo.
4. Place the threaded end down onto the deck surface and mark the rod $1/4"$ above the top of the bracket (see photo)
5. Cut the rod to the mark and round the cut edge with a file or sandpaper.
6. Install the bottom bumper to the stabilizer rod and thread the rod into the bracket.
7. Adjust the stabilizer rod up or down so that the tip **just** touches the support surface. See photo below.
- WARNING:** Adjusting the rod too tightly removes the end play needed for proper pin engagement and doing so could prevent the mount from fully latching in the stowed position. If installed correctly, the rod tip should lift off the deck about $1/4"$ without the mount unlatching.
8. Once adjusted, tighten the jam nut against the bracket, which will prevent the rod from turning.
9. Install top cap if threads are exposed.



BOW MOUNT OPERATION:

- The bow mount is designed to fold back and lock the motor flat on deck when not in use.
- The motor rest positions the lower unit as it comes in contact with the nose of the mount and guides it onto the motor rest.
- The tube lock tilts up and engages the shaft to lock it for transport.
- The hold down strap assembly crosses over the shaft

WARNING : WHEN RAISING OR LOWERING MOTOR, KEEP FINGERS CLEAR OF ALL HINGE AND PIVOT POINTS AND ALL MOVING PARTS.

TIIT AND EXTENSION HANDLE OPERATION:

Your MAXXUM trolling motor features 7 usable handle tilt positions...45°, 30°, and 15° up and down from the 0° (horizontal) position. To use the down positions, you must first press the release button located on the left underside of the pivot handle, then push the handle down until you feel the handle "lock in" to the stowed position. This will be almost parallel to the motor shaft.

amount of space required for storage or travel. First press the release button located on the left underside of the pivot handle, then push the handle down until you feel the handle "lock in" to the stowed position. This will be almost parallel to the motor shaft.

To extend the handle, pull the handle towards you to the desired position. The handle will extend a full 6 inches. To retract, push the handle in until it meets the face of the motor control head.

IMPORTANT: THE MOTOR MUST BE IN THE OFF POSITION TO USE THE STOW POSITION! FAILURE TO PUT THE MOTOR IN THE OFF POSITION BEFORE STOWING THE HANDLE WILL RESULT IN JOINT FAILURE.



CAUTION: NEVER OPERATE YOUR MOTOR WHEN IT IS OUT OF THE WATER.

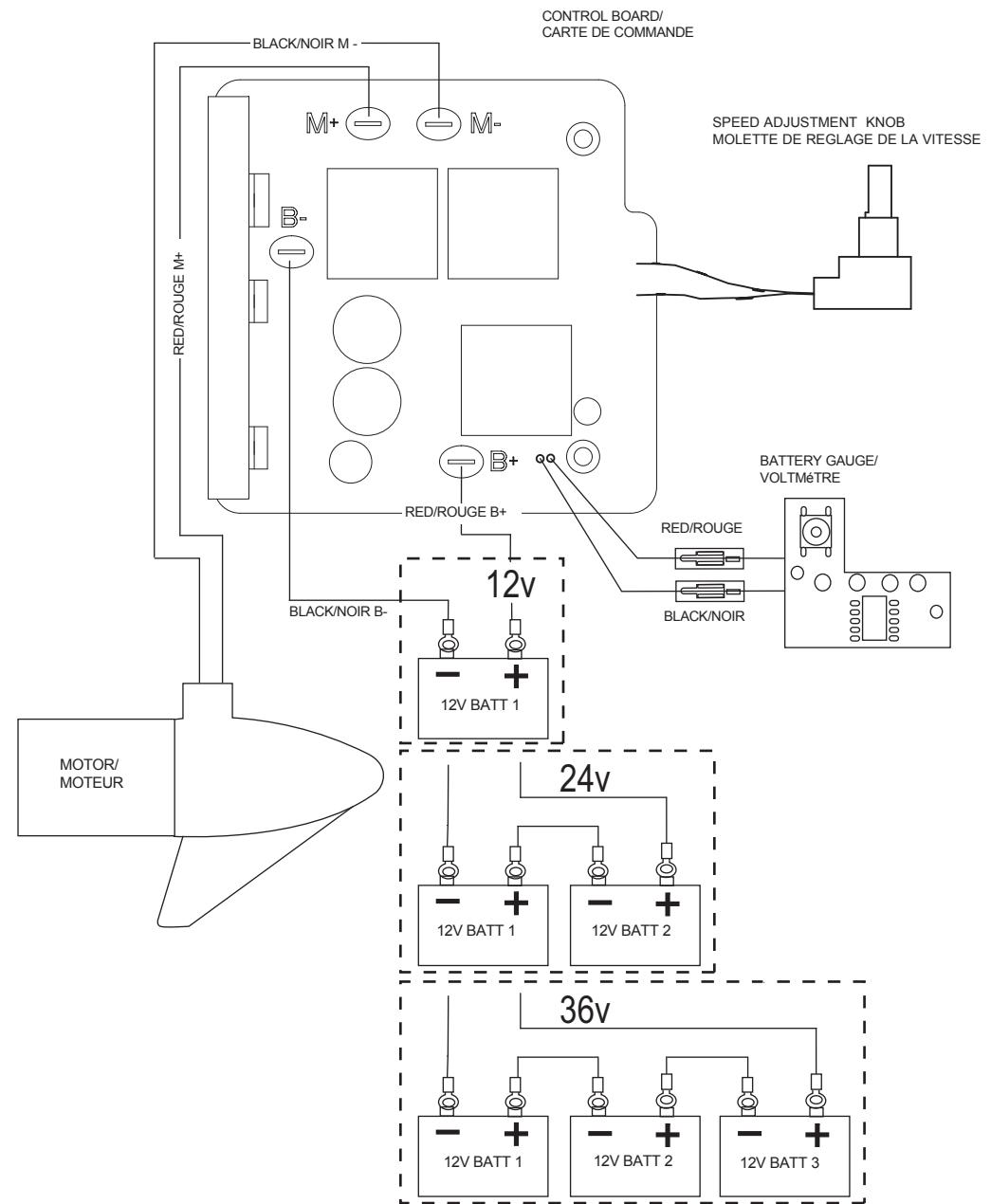
and the rectangular ring / Velcro® secures the motor.

- Pull the rope to release the lock bar, which automatically engages when the unit is lowered or raised into position. The pull grip and rope should be used to both lower and raise the unit.
- If the rope disengages from the lock bar assembly, release the lock bar with a screwdriver.

12-24-36 VOLT VARIABLE SPEED MODELS

THIS IS A UNIVERSAL MULTI-VOLTAGE DIAGRAM. DOUBLE CHECK YOUR MOTORS VOLTAGE FOR PROPER CONNECTIONS

Over-Current Protection Devices not shown in illustrations.



BATTERY INFORMATION:

The motor will operate with any deep cycle marine 12 volt battery/batteries. For best results use a deep cycle, marine battery with at least a 115 ampere hour rating. As a general on the water estimate, your 12 volt motor will draw one ampere per hour and your 24 volt motor will draw .75 ampere per hour for each pound of thrust produced when the motor is running on high. The actual ampere draw is subject to your particular environmental conditions and operation requirements. Maintain battery at full charge. Proper care will ensure having battery power when you need it, and will significantly improve the battery life. Failure to recharge lead-acid batteries (within 12-24 hours) is the leading cause of premature battery failure. Use a variable rate charger to avoid overcharging.

If you are using a crank battery to start a gasoline outboard, we recommend that you use a separate deep cycle marine battery/batteries for your Minn Kota trolling motor.

Advice regarding batteries:

Never connect the (+) and the (-) terminals of the battery together. Take care that no metal object can fall onto the battery and short the terminals. This would immediately lead to a short and utmost fire danger.

Recommendation: Use battery boxes and covered battery terminal clamps like Minn Kota accessory #MK-BC-1.

BATTERY CONNECTION

12 Volt Systems:

1. Make sure that the motor is switched off (speed selector on "0").
2. Connect positive (+) red lead to positive (+) battery terminal.
3. Connect negative (-) black lead to negative (-) battery terminal.
4. For safety reasons do not switch the motor on until the propeller is in the water.

24 Volt Systems:

1. Make sure that the motor is switched off (speed selector on "0").
2. Two 12 volt batteries are required.
3. The batteries must be wired in series, only as directed in wiring diagram, to provide 24 volts.
 - a. Connect a connector cable to positive (+) terminal of battery 1 and to negative (-) terminal of battery 2.
 - b. Connect positive (+) red lead to positive (+) terminal on battery 2.
 - c. Connect negative (-) black lead to negative (-) terminal of battery 1.
4. For safety reasons do not switch the motor on until the propeller is in the water.

36 Volt Systems:

1. Make sure that the motor is switched off (speed selector on "0").
2. Three 12 volt batteries are required.
3. The batteries must be wired in series, only as directed in wiring diagram, to provide 36 volts.

These motors are equipped with a "push to test" battery gauge. The LED provides an accurate display of the remaining charge in the battery. It is only accurate when the motor is off. The gauge reads as:

- Four lights indicate full charge.
- Three lights indicate good charge.
- Two lights indicate low charge.
- One light indicates recharge.



OPERATION OF THE PRODUCT CONT'D:

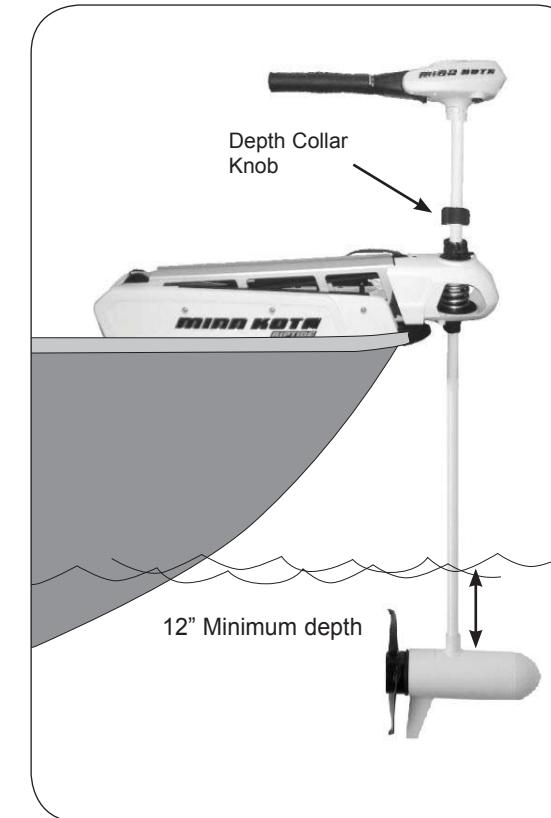
Depth Adjustment

- Firmly grasp the outer shaft or control head and hold it steady.
- Loosen depth setting knob on the hinge cover until the shaft slides freely.
- Raise or lower the motor to the desired depth.
- Turn the motor control head to the desired position.
- Tighten depth setting knob to secure the motor in place.

NOTE: When setting the depth be sure the top of the motor is submerged at least 12" to avoid churning or agitation of surface water. The propeller must be completely submerged.

STEERING ADJUSTMENT:

- Adjust steering tension knob to provide enough tension to allow the motor to turn freely, yet remain in any position without being held or; Tighten the knob and lock the motor in a preset position to leave your hands free for fishing.



- a. Connect a connector cable to positive (+) terminal of battery 1 and to negative (-) terminal of battery 2.
- b. Connect a connector cable to positive (+) terminal of battery 2 and to negative (-) terminal of battery 3.
- c. Connect positive (+) red lead to positive (+) terminal on battery 3.
- d. Connect negative (-) black lead to negative (-) terminal of battery 1.

4. For safety reasons do not switch the motor on until the propeller is in the water.

If installing a leadwire plug, observe proper polarity and follow instructions in your boat owner's manual.

See wiring diagram on following pages.

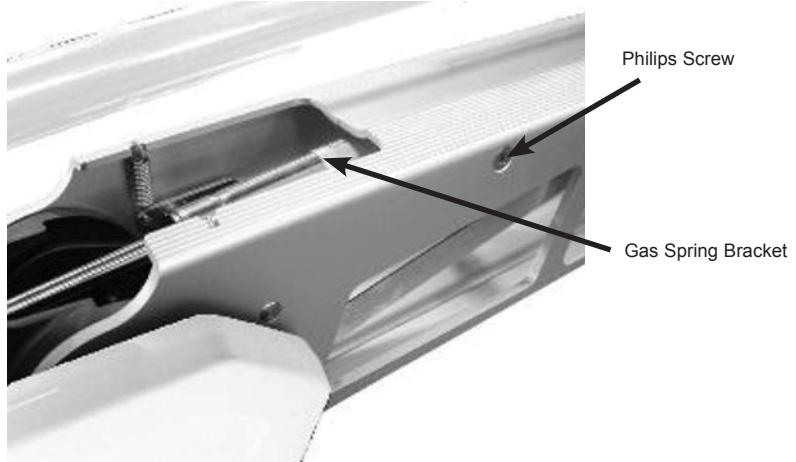
- IMPROPER WIRING OF 24 OR 36 VOLT SYSTEM COULD CAUSE BATTERY EXPLOSION!
- KEEP LEADWIRE WING NUT CONNECTION TIGHT AND SOLID TO BATTERY TERMINALS.
- LOCATE BATTERY IN A VENTILATED COMPARTMENT.

GAS ASSIST LIFT MECHANISM:

WARNING: The gas assist lift mechanism in this unit is under HIGH SPRING PRESSURE when the motor is in the deployed position. DO NOT remove the BowGuard assembly from the mount without disconnecting one end of the gas spring. Failure to do this can create a condition where accidental pulling of the rope may cause the mount to spring open rapidly, striking anyone or anything in the direct path.

To disconnect one end of the gas spring, follow the instructions below:

1. With the mount in the stowed position, locate the upper cylinder pin.
2. Using two Philips screwdrivers, remove 1 of the Phillips flat head screws.
3. Remove pin from outer arm by sliding thru the arm.
4. Now it is safe to deploy the motor and remove the motor assembly.
5. To re-connect the gas spring, see page 3, step 6.



129. In Canada, parts may be ordered from any of the MINN KOTA. Please use the correct part numbers from the parts order, call 1-800-227-6433 or FAX 1-800-527-4464.

Fuera de los Estados Unidos, consultar la lista anexa para ubicar el Centro de servicio autorizado MINN KOTA. No dejar de incluir el número del MODELO y el número de SERIE del motor para el cual se solicitan las piezas. Usar siempre los números de pieza correctos indicados en la lista de piezas.

Item	P/N	Description	Qty	Item	P/N	Description	Qty
■	2991749	Mount, Fortrex, Short 52" [700-940]	1	■	2993911	Sideplate assembly, short, left, sw	1
■	2991750	Mt, Fortrex, Long 80# 62" [700-940]	1	■	2993916	Sideplate assembly, long, left, sw	1
■	2991751	Mt, Fortrex, Long 101# 62" [700-940]	1	895	2288625	Support, left sideplate	1
700	2280800	Link, bowguard mount, left	1	900	2283408	Screw 8 x 3/8	8
710	2287303	Bushing, upper pins	2	905	2283911	Sideplate, short, left, sw	1
711	2287304	Bushing, delrin	2	910	2073408	Sideplate, long, left, sw	1
715	2283409	Screw, 1/4-20 x 3/4 FHSC	4	915	2286700	Screw 1/4-20 x 7/8	2
720	2880400	Pull grip assembly	1	920	2283900	Plug, spacer	2
721	2261732	Washer	2	■	2993921	Ramp, motor	1
725	2771601	Rope assembly	1	2993926	Sideplate assembly, short, right, sw	1	
730	2281516	Spacer, inner arm	1	2288620	Sideplate assembly, long, right, sw	1	
735	2281702	Washer, lock 1/4	1	930	2283921	Support, right sideplate	1
737	2284202	Outer arm, short, 52"	1	2283926	Sideplate, short, right, sw	1	
	2284212	Outer arm, long, 62"	1	932	2285501	Sideplate, long, right, sw	1
740	2992302	Rope guide assembly	1	935	2281902	Decal, Sideplate, sw	2
745	2281530	Insert, threaded	1	940	2323405	Base extrusion, short, 52"	1
750	2282608	Pin, 7/16 x 5 5/32	1			Base extrusion, long, 62"	1
751	2282602	Pin, 3/8 x 3 3/4	1			Screw 1/4-20 x 1/2	6
752	2261505	Spacer	2	975	2773806	Strap hold down	1
753	2263011	E-ring, 3/8 shaft	2	980	2991928	Bracket stabilizer assembly	1
760	2223418	Screw, 1/4-20 x 1/2 BHCS	1	■	1378132	Propeller kit WW2	
765	2993819	Inner arm assembly, short, 52"	1	■	2994876	Propeller bag assy	
	2993821	Inner arm assembly, long, 62"	1	1000	2331160	Propeller WW2	1
770	2042711	Spring, torsion	1	1010	2262658	Drive pin, large	1
775	2283620	Latch, safety	1	1015	2091701	Washer, prop, large	1
776	2282611	Spring, safety latch	1	1020	2198401	Nut, nylock, prop, Anode	1
780	2281704	Washer 7/16 nylon	1	■	2994830	Bag assembly	1
785	2280805	Link, bowguard mount, right	1				
790	2283410	Screw 1/4-20 x 1/2 PFH	2				
795	2288400	Gas spring (cylinder), 80/101#, short	1				
	2288401	Gas spring (cylinder), 80#, long mt	1				
	2288402	Gas spring (cylinder), 101#, long mt	1				
796	2281710	Spacer, gas spring	2				
800	2282610	Pin, upper, shock	1				
810	2280005	Bearing, nyliner 7/16"	4				
815	2282600	Pin, 7/16 x 4 7/8	1				
820	2281932	Bracket, rear pivot	2				
825	2281501	Yoke, shock mount	1				
830	2282606	Pin, 7/16 x 4 1/2	1				
835	2283402	Screw, set, 6-32 x 1/4	2				
845	2282604	Pin, Knurled 5/16 x 2	1				
850	2283615	Latch bar	1				
855	2283610	Bracket - latch/strap, rope pull	1				
860	2287300	Bushing, rear pivot	2				
865	2282602	Pin, 3/8 x 3 3/4	1				
870	2263011	E-ring, 3/8 shaft	2				
871	2280008	Bearing, Iglide	2				
875	2282720	Spring, extension	2				
880	2773600	Latch strap assembly, short	1				
	2773601	Latch strap assembly, Long	1				
885	2261732	Washer 8, nylon	2				
890	2373450	Screw 8-18 x 3/8	2				